

In the Claims

1. (Currently amended) A transparent polymeric composition having good impact strength, a high modulus, and good heat resistance, comprising:

- from 50% to 90% by weight of a thermoplastic matrix (I) with a refractive index n_1 , wherein matrix (I) is a homopolymer or a copolymer comprising at least one monomer unit selected from the group consisting of styrene, acrylonitrile, acrylic acid, and short-chain alkyl (meth)acrylates;
 - from 0 to 40% by weight of an impact additive (II) with a refractive index n_2 ; and
 - from 10% to 50% by weight of a block copolymer (III) with a refractive index n_3 ;
- the difference between the refractive indices, taken two by two, being less than or equal to 0.01.

2. (Currently amended) The composition of claim 1, ~~characterized in that~~ wherein the block copolymer III conforms to the following general formula - Y-B-Y' - in which

- B is an elastomer block which is thermodynamically incompatible with blocks Y and Y',
- Y and Y' ~~have or do not have the same chemical composition as one another~~ can be the same or different,
- at least one of the two blocks Y and Y' is totally or partially compatible with the thermoplastic matrix (I).

3. (Currently amended) The composition of claim 2, ~~characterized in that~~ wherein B is ~~obtained by polymerizing at least one monomer~~ comprises one or more monomer units selected from the group consisting of butadiene, isoprene, 2,3-dimethyl-1,3-butadiene, 1,3-pentadiene and 2-phenyl-1,3-butadiene.

4. (Currently amended) The composition of claim 3, ~~characterized in that~~ wherein B is ~~obtained by polymerizing~~ comprises butadiene monomer units.

5. (Currently amended) The composition of claim 3, ~~characterized in that~~ wherein B is ~~obtained by polymerizing~~ comprises isoprene monomer units.

6. (Currently amended) The composition of claim 2, ~~characterized in that~~ wherein Y and Y' ~~are obtained by polymerizing~~ comprise at least one monomer unit selected from the group consisting of styrene and short-chain alkyl methacrylates ~~such as methyl methacrylate~~.
7. (Currently amended) The composition of claim 6, ~~characterized in that~~ wherein Y is a block composed predominantly of styrene and ~~in that~~ wherein Y' is a block composed predominantly of methyl methacrylate monomer units.
8. (Currently amended) The composition of claim 6, ~~characterized in that~~ wherein Y and Y' are blocks composed predominantly of methyl methacrylate monomer units.
9. (Currently amended) The composition of claim 7, ~~characterized in that~~ wherein Y' ~~contains~~ comprises at least 60% of syndiotactic polymethyl methacrylate.
10. (Currently amended) The composition of claim 8, ~~characterized in that~~ wherein Y and Y' each contain at least 60% of syndiotactic polymethyl methacrylate.
11. (Currently amended) The composition of claim 1, ~~characterized in that~~ wherein the amorphous matrix I ~~is obtained by polymerizing~~ comprises at least one monomer unit selected from the group consisting of styrene, acrylonitrile, acrylic acid, and short-chain alkyl (meth)acrylates ~~such as methyl methacrylate~~.
12. (Currently amended) The composition of claim 11, ~~characterized in that~~ wherein I ~~is obtained by polymerizing~~ comprises a mixture composed of 0 to 55% by weight of styrene monomer units and from 45% to 100% by weight of methyl methacrylate monomer units.
13. (Currently amended) The composition of claim 1, ~~characterized in that~~ wherein the additive II is a core-shell copolymer ~~composed of~~ comprising an elastomer core and a rigid shell which is compatible with the amorphous matrix I.
14. (Currently amended) An article ~~obtained by the melt-state conversion of~~ comprising the composition of ~~any one of claims 1 to 13~~ claim 1, ~~characterized in that~~ wherein said article is

formed by a melt state conversion ~~the conversion is selected from the techniques of converting thermoplastic materials such as~~ selected from the group consisting of injection molding, extrusion or and calendaring.

15. (New) The composition of claim 6, wherein Y and Y' comprise methyl methacrylate units.

16. (New) The composition of claim 11, wherein the amorphous matrix I comprises methyl methacrylate monomer units.